

100
Network
Figure 1
AT9-98-908

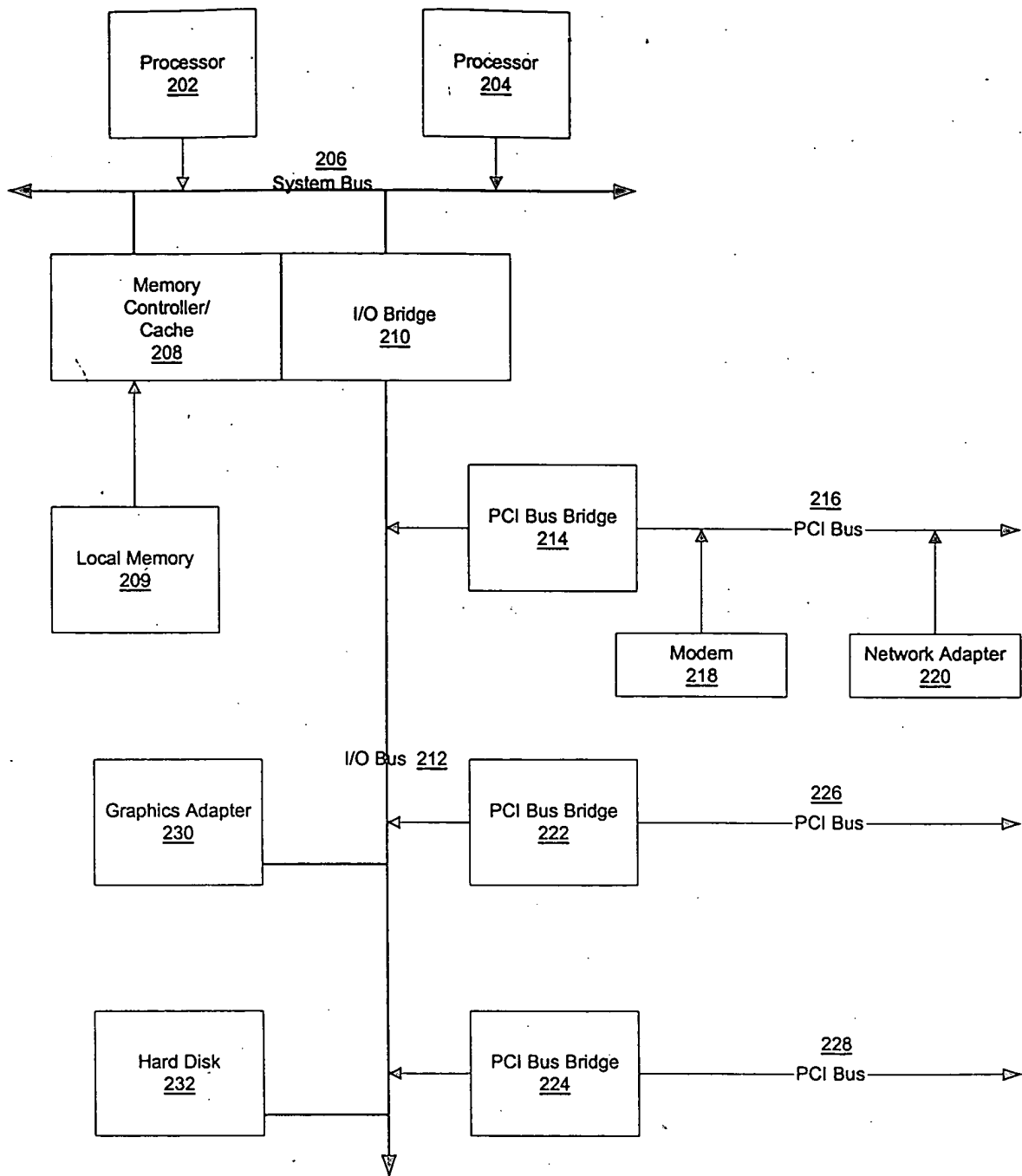


Figure 2

AT9-98-908

Server

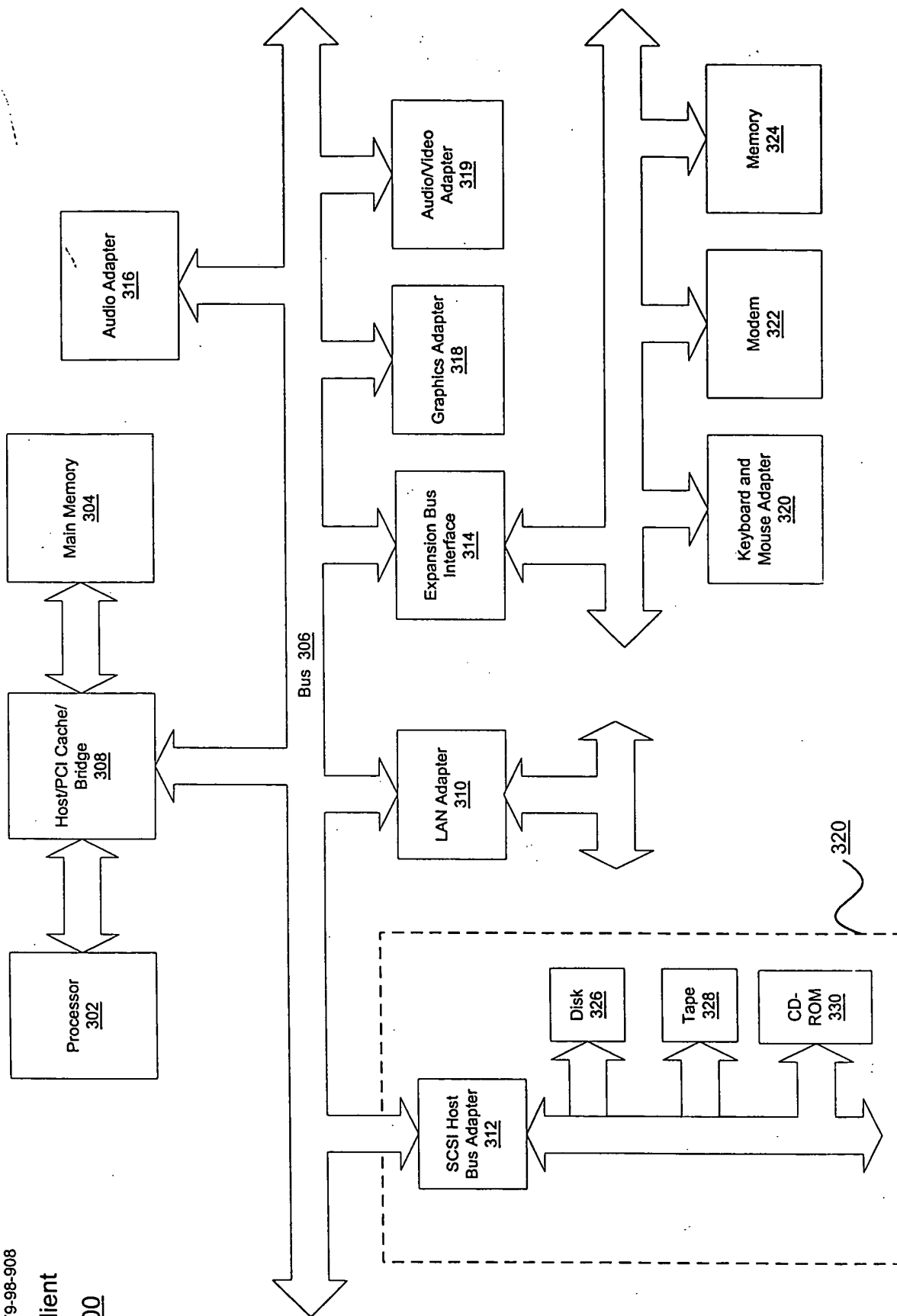
200

Figure 3

AT9-98-908

Client

300



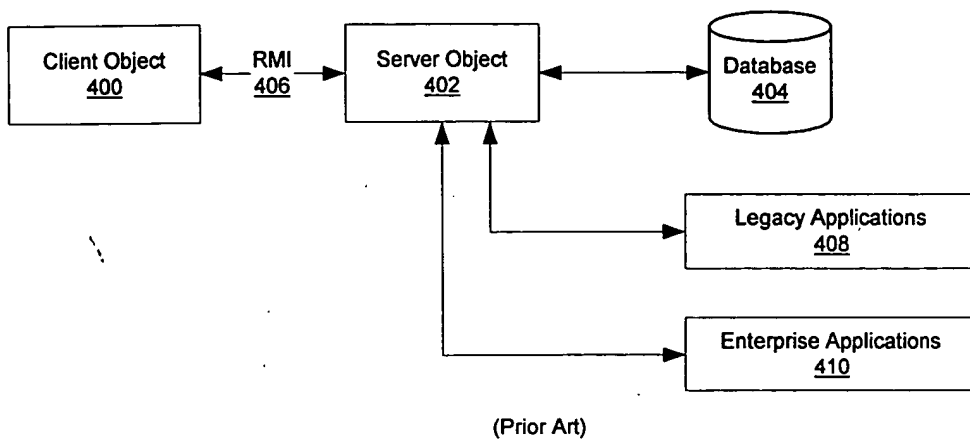


Figure 4
AT9-98-908

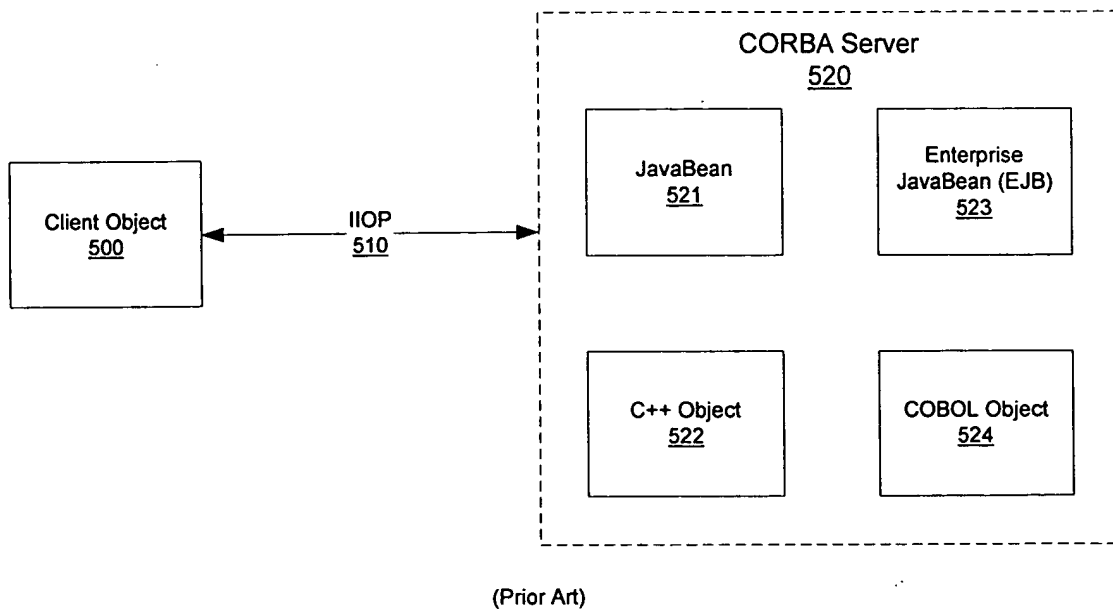
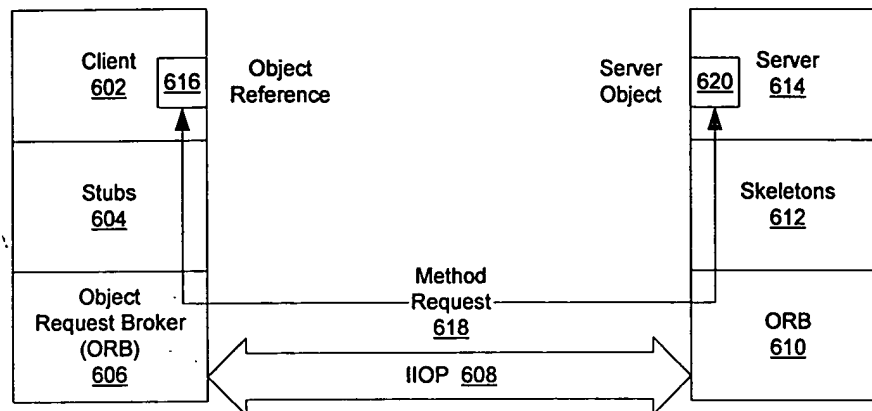


Figure 5
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(Prior Art)

Figure 6

AT9-98-908

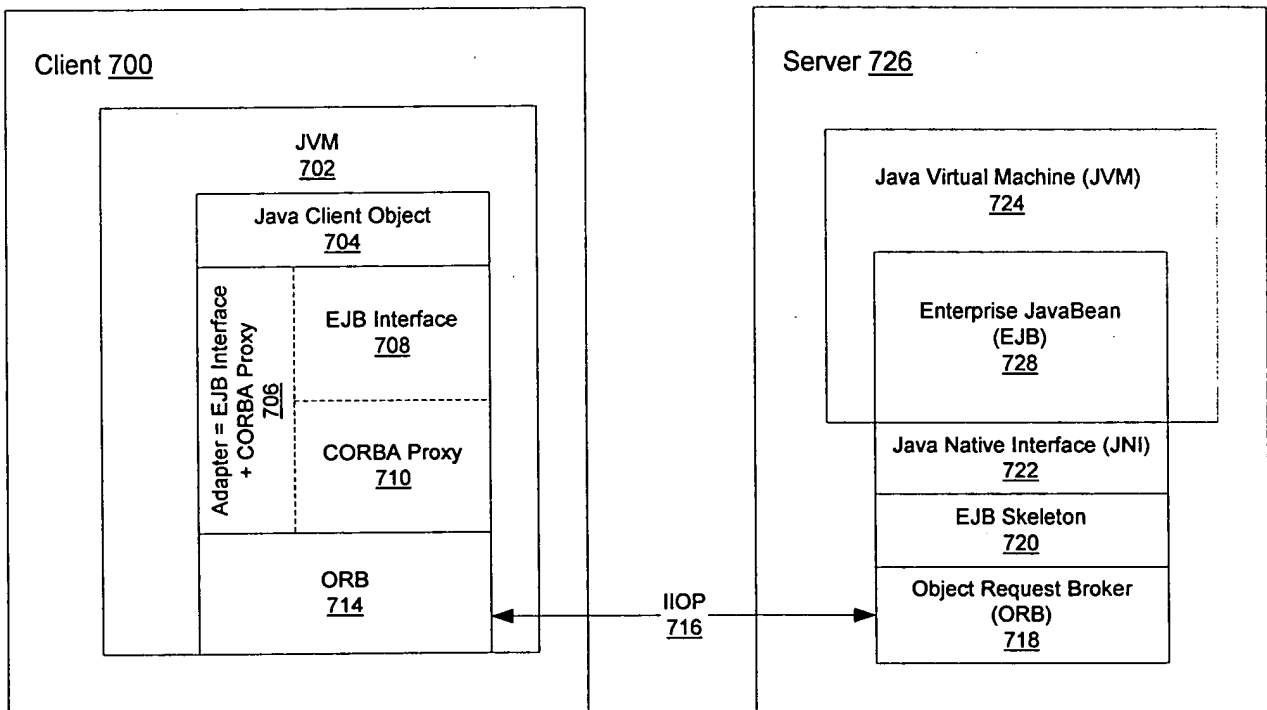


Figure 7A

AT9-98-908

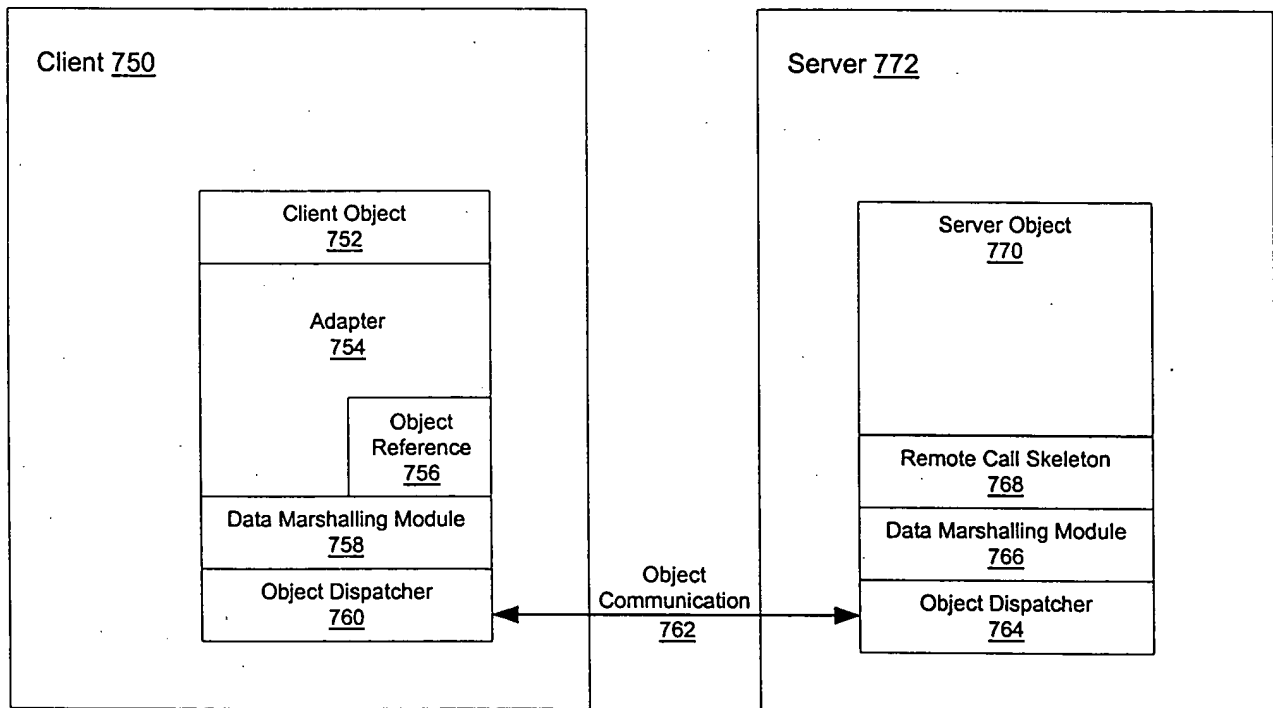


Figure 7B

AT9-98-908

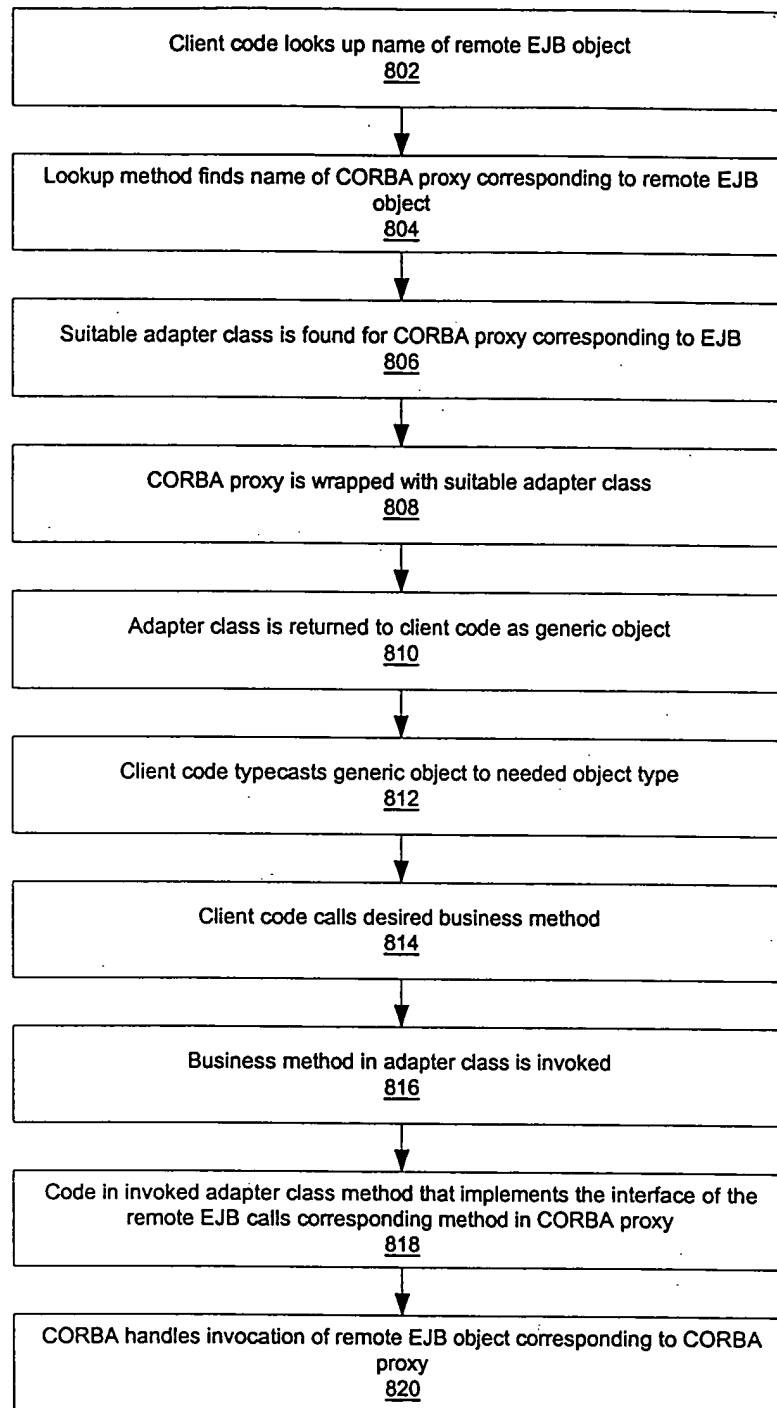


Figure 8

AT9-98-908

```

    {
-902-   Object obj = JavaNamingContext.lookup ("RemoteObjectName");
-904-   CustomerInterface cast = (CustomerInterface) obj;
-906-   cust.businessMethod (args);
    }

```

Figure 9A

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```

-912-   public Object lookup(NameToBeLookedUp) {
-914-       CorbaProxy proxy = CorbaNamingServices.lookup(NameToBeLookedUp);
-916-       Class adapterClass = findAdapterClassForCorbaProxy(proxy);
-918-       Adapter obj = new adapterClass(proxy);
-920-       return obj;
    }

```

Figure 9B

AT9-98-908

```

    {
-922-   Object obj = RINamingContext.lookup("RemoteObjectName");
-924-   CustomerInterface cust = (CustomerInterface) obj;
-926-   cust.businessMethod(args);
    }

```

Figure 9C

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```

-930-   public void businessMethod(args) {
-932-       proxy.businessMethod(args)
    }

```

Figure 9D

AT9-98-908

```
-1000- { public Customer businessMethod(integer l, Employee ee);
```

Figure 10A

AT9-98-908

```
    {  
-1010- { Object obj1= RINamingContext.lookup(EmployeeName);  
-1012- { Employee ee= (Employee) obj1;  
-1014- { Customer cust= (Customer)RINamingContext.lookup(CustomeName);  
-1016- { Customer newCust= cust.businessMethod(1,ee);  
    }
```

Figure 10B

AT9-98-908

```
-1020- { public Customer businessMethod (integer l, Employee ee) {  
-1022- { EmployeeAdapter eeAdapter = (EmployeeAdapter) ee;  
-1024- { EmployeeProxy eeProxy = eeAdapter.unwrapAdapter();  
-1026- { CustomerProxy custProxy = proxy.businessMethod(l,eeProxy);  
-1028- { CustomerAdapter custAdapter = new CustomerAdapter(custProxy);  
-1030- { return custAdapter;  
    }
```

Figure 10C

AT9-98-908

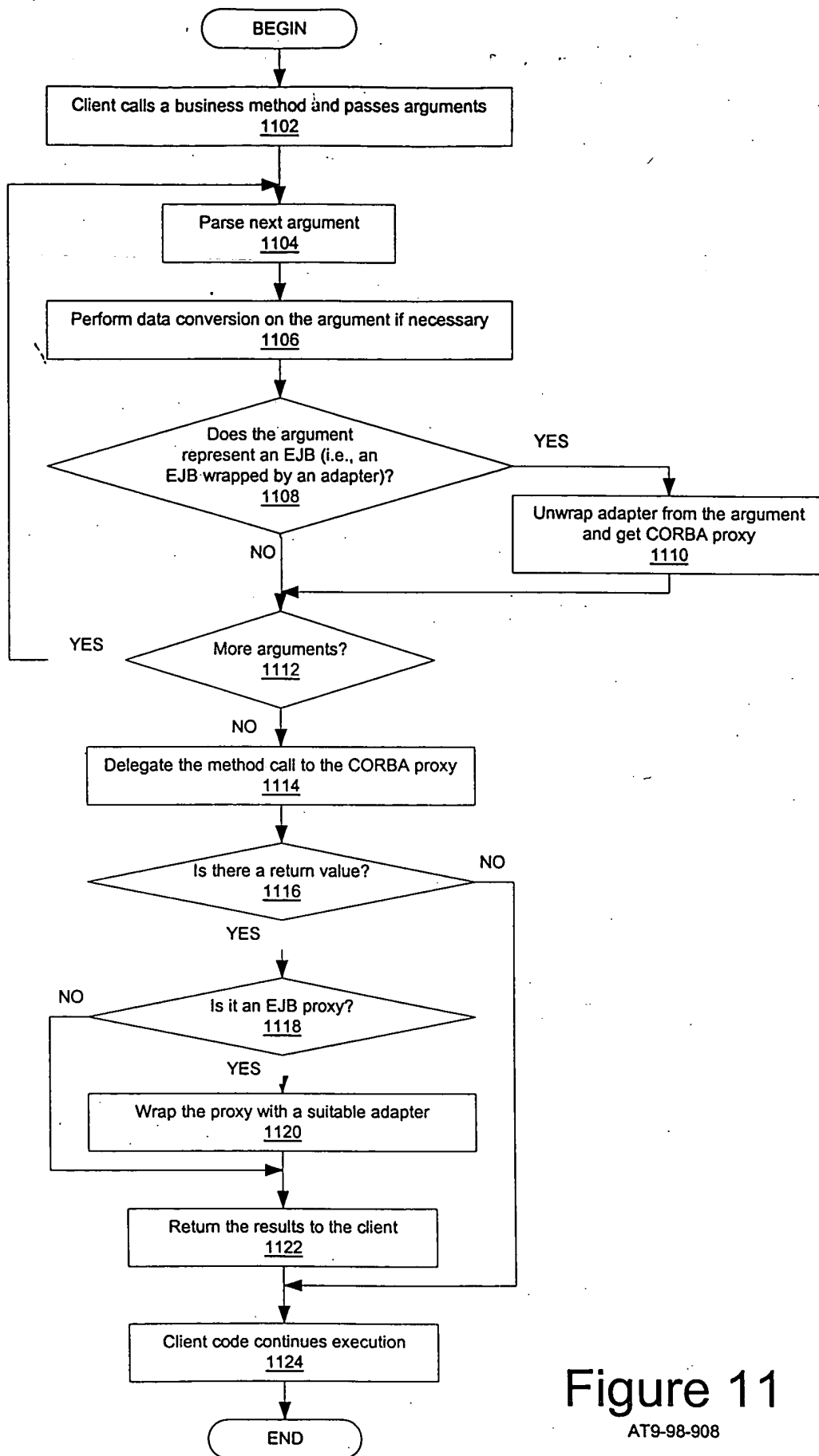


Figure 11
AT9-98-908